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**A SYSTEM AND METHOD FOR IDENTIFYING CONTENT AND
MANAGING INFORMATION CORRESPONDING TO OBJECTS IN A SIGNAL**

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ABSTRACT OF THE INVENTION

An "interactive signal analyzer" provides a framework for sampling one or more signals, such as, for example, one or more channels across the entire FM radio spectrum in one or more geographic regions, to identify objects of interest within the signal content and associate attributes with that content. The
15 interactive signal analyzer uses a signal fingerprint extraction algorithm, i.e., a "fingerprint engine," for deriving traces from segments of one or more signals. These traces are referred to as "fingerprints" since they are used to uniquely identify the signal segments from which they are derived. These fingerprints are
20 then used for comparison to a database of fingerprints of known objects of interest. Information describing the identified content and associated object attributes is then provided in an interactive user database for viewing and interacting with information resulting from the comparison of the fingerprints to the database.

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